Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1.   (Currently Amended) A work space control apparatus for controlling ~~an activity which has been~~ activities conducted by ~~an object~~ objects in a work space as history, the apparatus comprising:

~~detection means for detecting~~ a detection device that detects an activity event conducted ~~by the~~ by each object in the work ~~space;~~ space including at least one real space;

~~activity~~ an activity event control ~~means for saving~~ device that saves the activity event detected while relating the activity event detected ~~is made to be related to the time~~ to time for each object during which each object conducts the detected activity event and a real place ~~of the~~ for each object where each object conducts he detected activity ~~for each object;~~ event; and

~~activity event display means for displaying~~ a display device that displays the saved activity event by displaying the ~~saved object.~~ respective object conducting the saved activity event.

2.   (Currently Amended) A work space control apparatus for controlling ~~an activity which has been~~ activities conducted by ~~an object~~ objects in a work space as history, the apparatus comprising:

~~detection means for detecting~~ a detection device that detects an activity event conducted ~~by the~~ by each object in the work ~~space;~~ space including at least one real space;

~~activity~~ an activity event control ~~means for saving the an~~ device that saves the activity event detected while the ~~detected~~ saved activity event of each object can be referred from ~~the other object for each object of the activity event;~~ another object; and

~~activity event display means for displaying a plurality of~~ a display device that displays the plural saved activity events of one object by ~~displaying the object when the saved activity events are traced by referring to the other object.~~ tracing other objects, which conducted the plural saved activity events of the one object, with reference to the plural saved activity events of the one object and by displaying the one object and the other objects.

3.   (Currently Amended) The work space control apparatus according to claim 1, further comprising:

~~actual~~ an actual body acquiring ~~means for acquiring~~ device that acquires actual body information of the object of the activity according to the activity event saved by the activity event control ~~means.~~ device.

4.   (Currently Amended) The work space control apparatus according to claim 1, wherein

the activity event control ~~means~~ device saves the detected activity event while the detected activity event can be referred from the other object for each object of the activity event being accompanied by the information of the activity time, and

the ~~activity event~~ display ~~means displays a plurality of~~ device displays the plural saved activity events in a time series.

5.   (Currently Amended) The work space control apparatus according to claim 1, wherein

the ~~activity event display means~~ display device displays an activity event by displaying objects arranged in a positional relation based on ~~the degree~~ a degree of relation between the objects.

6.   (Currently Amended) The work space control apparatus according to claim 1, further comprising:

a capture input ~~means for photographing~~ device photographs captured data of

the activity conducted in the work space, wherein

the activity event control ~~means~~ device controls the captured data

corresponding to the activity event so as to supply captured data as a display output

corresponding to the activity event.

7.   (Currently Amended) The work space control apparatus according to claim 1,

wherein

the detection ~~means~~ device detects a change in a set of the user objects in the

activity event, and

the activity event control ~~means~~ device saves an activity as a different activity

event each time the change is detected.

8.   (Currently Amended) The work space control apparatus according to claim 3,

further comprising:

an object access ~~means for starting~~ device that starts a predetermined

processing motion responding to that the actual body acquiring ~~means~~ device has made access

to actual body information of an object.

9.   (Currently Amended) The work space control apparatus according to claim 1,

further comprising:

~~warning means for outputting~~ a warning device that outputs a warning to a

user when a predetermined state is detected by the detection ~~means.~~ device.

10.   (Currently Amended) The work space control apparatus according to claim 1,

wherein

————————the object includes a document used in the work space.

11.   (Currently Amended) A work space control system for controlling ~~an activity which has been~~ activities conducted by ~~an object in a~~ objects in each work space as history, the system comprising:

a detection device ~~for detecting~~ that detects an activity event conducted by the object ~~in the~~ in each work ~~space;~~ space including at least one real space;

a work space history saving device ~~for saving a~~ that saves the detected activity event for each work space of the activity event;

an object history saving device ~~for saving an~~ that saves the activity event for each object of the activity event responding to that the activity event is ~~detected;~~ detected so that other objects can refer to the saved activity event; and

~~an activity event display device for displaying a plurality of~~ a display device that displays the plural saved activity events ~~by displaying the objects when the saved activity events are traced while the other objects are being referred.~~ of one object by tracing other objects, which conducted the plural save activity events of the one object, with reference to the plural save activity events of the one object and by displaying the one object and the other objects.

12.   (Currently Amended) The work space control system according to claim 11, wherein

the ~~activity event~~ display device displays an activity event by displaying an object arranged in a positional relation according to the degree of relation between objects.

13.   (Currently Amended) An activity history control apparatus for controlling ~~an activity which has been~~ activities conducted by ~~an object~~ objects in a work space as history, the apparatus comprising:

a detecting device ~~for detecting each time~~ that detects an activity event conducted ~~by the~~ by each object in the work ~~space;~~ space including at least one real space; and

a saving ~~device for saving~~ device, wherein whenever the detecting device detects the activity event conducted by any of the objects, the saving device saves the detected activity event while the ~~detected~~ saved activity event of each object can be referred from ~~the~~ ~~other object for each object of the activity event.~~ another object.

14.   (Currently Amended) An activity history control apparatus for controlling ~~an~~ ~~activity which has been~~ activities conducted by ~~an object~~ objects in a work space as history, the apparatus comprising:

a detecting device ~~for detecting each time~~ that detects an activity event conducted ~~by the~~ by each object in the work ~~space;~~ space including at least one real space; and

a saving ~~device for saving~~ device, wherein whenever the detecting device detects the activity event conducted by any of the objects, the saving device saves the detected activity event while the detected activity event of each work space can be referred from ~~the~~ ~~other activity events for each work space of the activity event.~~ another activity event.

15.   (Currently Amended) An activity event display apparatus for displaying and outputting history of ~~an activity which has been~~ activities conducted by ~~an object~~ objects in a work space, the apparatus comprising:

an acquiring device ~~for acquiring~~ that acquires information of ~~an activity event~~ activity events of one object from a ~~memory for saving~~ memory, which saves the activity ~~event~~ events conducted by ~~an object~~ the respective objects in the work space ~~while the~~ including at least one real space so that the saved activity event of each object can be referred from the other ~~objects for each object of the activity event;~~ objects; and

a displaying device ~~for displaying a plurality of~~ that displays the activity events ~~are displayed by the display of the object when the activity event is traced while referring to the other objects.~~ of the one object by tracing other objects, which conducted the activity events of the one object with reference to the activity events of the one object and by displaying the one object and the other objects.

16. (Currently Amended) A computer-readable recording medium that stores a computer-readable program for ~~realizing the processing to~~ causing a computer to control ~~an activity which is~~ activities conducted by ~~an object~~ objects in a work space as history, the program ~~comprising:~~ comprising instructions for causing the computer to:

~~detecting each time~~ detect an activity event conducted ~~by the~~ by each object in the work ~~space;~~ space including at least one real space; and

~~saving~~ whenever the activity event is detected, save the detected activity event while the detected activity event of each object can be referred from ~~the other objects for each object of the activity event.~~ another object.

17. (Currently Amended) A computer-readable recording medium that stores a computer-readable program for ~~realizing the processing to~~ causing a computer to control ~~an activity which is~~ activities conducted by ~~an object~~ objects in a work space as history, the program ~~comprising:~~ comprising instructions for causing the computer to:

~~detecting each time~~ detect an activity event conducted ~~by the~~ by each object in the work ~~space;~~ space including at least one real space; and

~~saving~~ whenever the activity event is detected, save the detected activity event while the detected activity event of each object can be referred from ~~the other activity events for each work space of the~~ another activity event.

18. (Currently Amended) A computer-readable recording medium that stores a computer-readable program for ~~realizing the processing to~~ causing a computer to display and

output the history of an activity which is conducted by an object in a work space, the program ~~comprising:~~ comprising instructions for causing the computer to:

~~acquiring~~ acquire information of ~~an activity event~~ activity events of one object from a ~~memory for saving~~ memory, which saves the activity ~~event~~ events conducted by the ~~object~~ respective objects in the work space ~~while the~~ including at least one real space so that the saved activity event of each object can be referred from ~~the other objects for each object of the activity event;~~ another object; and

displaying ~~a plurality of activity~~ the activity events ~~by the display of the object when the activity event is traced referring to the other objects.~~ of the one object by tracing other objects, which conducted the activity events of the one object with reference to the activity events of the one object and by displaying the one object and the other objects.

19. (Currently Amended) A method of controlling ~~a work space by which an activity~~ activities conducted by ~~an object in the~~ objects in a work space ~~is controlled~~ as history, the method comprising:

detecting an activity event conducted ~~by the~~ by each object in the work ~~space;~~ space including at least one real space;

saving the detected ~~object for each object of the activity event being related to the time and place;~~ activity event while relating the detected activity event to time for each object during which each object conducts the detected activity event and a real place for each object where of each object conducts the detected activity event; and

displaying the saved activity event by ~~the display of the object.~~ displaying respective object conducting the saved activity event.

20. (Currently Amended) A method of controlling ~~a work space by which an activity~~ activities conducted by ~~an object in the~~ objects in a work space ~~is controlled~~ as history, the method comprising:

detecting an activity event conducted ~~by the~~ by each object in the work ~~space;~~ space including at least one real space;

saving the detected ~~object~~ activity event while the ~~detected object can be referred from the other objects for each object of the activity event;~~ saved activity event of each object can be referred from another object; and

displaying ~~a plurality of the~~ the plurality saved activity events ~~by the display of the object when the saved activity event is traced referring to the other objects.~~ of one object by tracing other objects, which conducted the plural saved activity events of the one object, with reference to the plural saved activity events of the one object and by displaying the one object and the other objects.

21.   (Currently Amended) A method of controlling ~~a work space by which an activity~~ activities conducted by ~~an object in the~~ objects in a work space ~~is controlled~~ as history, the method comprising:

detecting an activity event conducted ~~by the~~ by each object in the work ~~space;~~ space including at least one real space;

saving an activity ~~event~~ event, which is detected ~~being accompanied by the~~ together with activity time information of the activity event while the saved activity event of each object can be referred from ~~the other objects for each object of the activity event,~~ ~~wherein~~ another object; and

displaying the plurality saved activity events of one object in a time series manner by tracing other objects, which conducted the plural saved activity events of the one object, with reference to the plural saved activity events of the one object and by displaying the one object and the other objects.

~~when the saved activity event is traced referring to the other objects, a plurality of the saved activity events are displayed by the display of the object in a time series.~~